



## Development of Decision Support Matrices for Climate Change Adaptation Planning

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## Development of Decision Support Matrices for Climate Change Adaptation Planning

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When deciding amongst a suite of various climate change adaptation options, decision makers have to balance uncertainties in potential physical impacts, economic judgements, and political priorities. A decision support matrix is a tool to aid in decision making, by clarifying the decision making process, highlighting key uncertainties, and identifying critical assumptions. Using a decision matrix allows decision makers to examine how different a priori stakeholder values can impact the adaptation decision. We begin with a simple hypothetical decision matrix and build more complexity by adding multiple adaptation options, multiple risks, and multiple impact variables. The goal is to show where complexities enter into the decision tool, and then present ideas on how best to address these complexities under the context of adaptation planning.